

trustees expressed their reluctance to accept this resignation, because of the long and valued service of Professor Bowditch, yet they desired to relieve him of burdensome responsibility. It was voted to accept the resignation to take effect when through correspondence a successor has been elected.

The secretary reported that on December 12, 1905, a grant of \$1,000 had been awarded to Professor Angelo Mosso for the establishment of an American table at the International Mountain Laboratory, founded by Professor Mosso under the auspices of the Italian government, on the Col d'Olen of Monte Rosa. It was specified that appointments to this table should be made by the trustees of the Elizabeth Thompson Science Fund. Of the sum granted, \$500 was received as a special contribution for this purpose from the Bache Fund of the National Academy of Sciences in Washington.

It was voted to close the records of the following grants, the work having been completed and publications made: No. 60, F. Kruger; No. 110, H. S. Grindley; No. 114, W. Rosenthal; and to close upon receipt of publication grant 113, made to S. P. Fergusson.

Reports of progress from the following holders of grants were received:

- No. 94. A. M. Reese.
- " 96. H. E. Crampton.
- " 98. J. Weinzirol.
- " 101. T. A. Jaggard, Jr.
- " 103. E. Anding.
- " 105. H. Kronecker.
- " 106. W. Valentiner.
- " 107. M. Travers.
- " 108. B. L. Seawell.
- " 109. A. Nicolas.
- " 111. R. Hürthle.
- " 115. H. S. Carhart.
- " 116. W. Bateson.
- " 117. E. Salkowski.
- " 118. Th. Boveri.
- " 119. J. P. McMurrich.
- " 120. E. H. Archibald.
- " 121. A. Debierne.
- " 122. J. J. Frič and Fr. Nušl.
- " 123. E. C. Jeffrey.

No report was received from Professor P. Bachmetjew concerning grant 124.

The treasurer announced that \$1,300 was available for new grants. It was necessary to decline several applications which the trustees would have favored if the resources had permitted. The following new grants were made:

No. 126. \$250 to Professor L. Cuénot, Nancy, France, for researches on heredity in mice.

No. 127. \$250 to Professor E. Wiedemann, Erlangen, Germany, to study the behavior of gases at high temperatures for astrophysical purposes, and to determine their illuminating value.

No. 128. \$50 to Dr. L. J. Henderson, Boston, Mass., to study the compressibility of muscle.

No. 129. \$50 to Dr. G. W. Hall, Boston, Mass., to investigate the oxidation of glucose and allied substances in the organism.

No. 130. \$125 to B. G. Smith, Esq., Ann Arbor, Mich., for the study of the embryology of *Cryptobranchus*.

No. 131. \$100 to Dr. F. W. Thyng, Boston, Mass., to complete the study of a human embryo of 13.6 mm.

No. 132. \$200 to Professor W. G. Cady, Middletown, Conn., to investigate the electric arc between metallic electrodes.

Final action regarding the application of Dr. H. H. Field, concerning the card catalogue for physiology, was postponed.

CHARLES S. MINOT,
Secretary.

SCIENTIFIC NOTES AND NEWS.

PROFESSOR VAN'T HOFF, of Berlin, was elected an honorary member of the German Chemical Society at the recent meeting at Nuremberg.

LIEUT.-COLONEL D. PRIN, F.R.S., director of the Royal Gardens, Kew, and late director of the Botanical Survey of India, has been appointed a Companion of the Order of the Indian Empire.

M. GERNEZ, professor of general chemistry in the School of Arts and Manufactures, Paris, has been elected a member of the Academy of Sciences, to succeed the late M. Curie.

JESSE B. MOWRY, B.S., has been appointed, by Governor Utter, commissioner of forestry for Rhode Island.

DR. E. ANDING, professor in the University of Munich, has been appointed director of the Ducal Observatory in Gotha.

M. JANSSEN, director of the Astrophysical Observatory of Meudon, Paris, will represent the Paris Academy of Sciences on the occasion of the celebration of the fourth centenary of the University of Aberdeen, on September 25.

PROFESSOR NOAH K. DAVIS, who is now seventy-six years of age, has retired from the active duties of the chair of moral philosophy in the University of Virginia.

At an assembly of the faculties of University College, London, on July 4, Dr. Carey Foster, emeritus professor of physics and former principal of the college, was presented with his portrait, painted by Mr. Augustus John.

THE former pupils of Dr. Hallaran Bennett, professor of surgery in the School of Physic, Trinity College, Durham, and for forty-five years a member of the teaching staff, have established a medal to be awarded in his honor, and will place a bronze life-size relief portrait in the school and in Sir Patrick Dun's Hospital.

At a meeting of the officers and council of the Norwegian Geographical Society, in Christiania, on May 19, the gold medal of the society was awarded to Dr. Carl Lumholtz for his scientific explorations. The medal will be presented to Dr. Lumholtz in September, on his arrival in Christiania.

THE Longstaff medal of the London Chemical Society has been awarded to Professor W. N. Hartley, F.R.S., in recognition of his spectrochemical investigations.

SIR LAUDER BRUNTON, Dr. J. C. McVail, medical officer of health for the counties of Stirling and Dumbarton, Dr. A. Macfadyen, of the Lister Institute, and Dr. T. A. Starkey, professor of hygiene, McGill University, have been elected fellows of the Royal Sanitary Institute.

The Journal of the American Medical Association states that Professor C. F. Schatz, the eminent German obstetrician and professor

of gynecology at Rostock, was accused of misappropriating several thousand dollars of hospital funds. He insisted on a thorough investigation, and the trouble was found to be the result of a clerical error in auditing the accounts of the hospital. He has resigned his connection with the university and will devote himself to private practise.

DR. C. S. PRINGLE, keeper of the herbarium of the University of Vermont, has started on his twenty-sixth annual journey to Mexico for botanical exploration. He expects to return to the university in the autumn and make a distribution of the plants collected during the past year.

AN expedition has been sent by the Peabody Museum of Archeology of Harvard University to northern New York to explore an ancient Iroquois site, in continuation of the work of the past two years in that state. Mr. M. R. Harrington, of Columbia University, who received his archeological training under Professor Putnam, will be in charge of the expedition. Mr. Irwin Hayden, a graduate student in the division of anthropology, will be Mr. Harrington's assistant. Mr. Ernest Volk will be engaged for a portion of this season to continue the investigations relating to the antiquity of man in the Delaware Valley, where a careful examination will be made of the glacial deposits near Trenton, N. J. For the past seventeen years Mr. Volk has been associated with Professor Putnam in carrying on this research.

Nature announces that it is proposed to establish some permanent memorial of the late Professor W. F. R. Weldon, not only of the man himself, but also of the movement with which his name is especially associated, the application, that is, of exact methods of statistical inquiry to the study of variation and kindred problems in zoology. It has been suggested that the memorial should consist of a portrait—medallion or bust—in the museum at Oxford, a cast of which might be placed in University College, London, and of a prize to be awarded periodically to the author of the most valuable biometric publication of recent date. The committee will arrange that sub-

scribers may eventually purchase a reproduction of the portrait. Contributions may be sent to Dr. G. C. Bourne, Savile House, Oxford; Dr. G. H. Fowler, 58 Bedford Gardens, W.; Professor Karl Pearson, F.R.S., University College, W.C.; Mr. Adam Sedgwick, F.R.S., Trinity College, Cambridge; or to the Weldon Memorial Account, at the Old Bank, Oxford.

A MONUMENT in memory of Professor Nocard was unveiled recently in the Veterinary School of Alfort by M. Ruan, minister of agriculture.

SEÑOR MANUEL GARCIA, the well-known teacher of music, and eminent for the invention of the laryngoscope, died in London, on June 30. It will be remembered that the hundredth birthday of Señor Garcia was celebrated on March 17, 1905.

THE death is announced of M. Rayet, director of the observatory and professor in the University of Bordeaux.

DR. PHILIP OSSIANNIKOW, professor of anatomy and physiology at the University of St. Petersburg, died on June 11, at the age of seventy-nine years.

A NATIONAL ACADEMY OF SCIENCES has been established in Japan. It will contain forty members, of whom fifteen are to be nominated by the government and twenty-five elected.

THERE will be an international conference on cancer research in connection with the opening of the Institute for Cancer Research at Heidelberg, on September 24.

THE offer of the New York Zoological Society to the government to provide a herd of buffaloes for the Wichita Forest Reserve, in southwestern Oklahoma, has been accepted. The society will supply a herd of between fifteen and twenty buffaloes, and the government will fence in a suitable range on the game reserve. For this purpose an appropriation of \$15,000 was included in the agricultural bill.

UNIVERSITY AND EDUCATIONAL NEWS.

MR. CLARENCE H. MACKAY and Mrs. John W. Mackay have given \$100,000 to the Uni-

versity of California, to endow the chair of electrical engineering. It will be known as the John W. Mackay, Jr., professorship, in memory of Mr. Mackay's brother, and will be filled by Professor C. L. Cory, head of the department of mechanical and electrical engineering.

THE newly-organized School of Forestry of Colorado College will begin work at the opening of the college term in September. The courses in engineering, chemistry, physics, geology and biology will be given at the college in Colorado Springs. The instruction in forestry proper will be given partly in Colorado Springs and partly in Manitou Park, a forested area of 13,000 acres, situated in the mountains at a distance of twenty miles from the city. This tract has been recently presented to the college for the use of the School of Forestry, and a number of cottages have been provided for the instructors and students.

DR. GEORGE E. FELLOWS, president of the University of Maine, has declined the offer of the presidency of the Pennsylvania State College.

DR. JAMES LOUDON has, on the ground of ill health, resigned the principalship of the University of Toronto.

DR. RAYMOND PEARL, instructor in zoology at the University of Michigan, has been appointed instructor in zoology at the University of Pennsylvania.

LOUIS M. TERMAN, Ph.D. (Clark, 1905), principal of the San Bernardino High School, California, has been appointed professor of pedagogy at the State Normal College at Los Angeles.

C. S. MYERS, M.A., M.D., has been appointed professor of psychology at King's College, London. At the same institution H. S. Allen, B.A., B.Sc., has been appointed senior lecturer in physics.

PROFESSOR ALBERT NARATH, of Utrecht, has been appointed professor of surgery in the University of Heidelberg, to succeed Professor Czerny, who has retired to take charge of the new Cancer Institute.